Amendments to the Claims:

Please amend the claims as shown. Applicants reserve the right to pursue any cancelled claims at a later date.

1 – 14 (cancelled)

15. (new) A method for processing a data stream description, comprising:

identifying a process unit as a section of the data stream description,

wherein the process unit contains information from the data stream description that is required for a transformation of the process unit by a processor without accessing a remaining section of the data stream description.

16. (new) The method as claimed in claim 15, wherein the data stream description describes, references or classifies a section of the data stream.

17. (new) The method as claimed in claim 15, wherein the data stream description is transformed and the data stream is then adapted based on the transformed data stream description.

18. (new) The method as claimed in claim 15, wherein the data stream description is an XML-based data stream description.

19. (new) The method as claimed in claim 18, wherein the data stream description contains BSD or gBSD units.

20. (new) The method as claimed in claim 15, wherein the process unit comprises a plurality of parts which are not successive in the data stream description and describes a plurality of non-successive sections of the data stream.

21. (new) The method as claimed in claim 15, wherein a sub-area of the process unit is identified as a persistent sub-area, the persistent sub-area containing information that is used for a transformation of a remaining process unit following the process unit.

22. (new) The method as claimed in claim 21, wherein a duration of storing the persistent sub-area of the process unit which is stored in a memory of a processor and a deletion of the persistent sub-area are signaled.

23. (new) The method as claimed in claim 21,

wherein a duration of storing a section of the data stream described by the persistent sub-area of the process unit is signaled,

wherein the section of the data stream described by the persistent sub-area of the process unit is stored in a memory of a processor.

24. (new) The method as claimed in claim 15, wherein a sub-area of the process unit is identified as a persistent sub-area, the persistent sub-area describing information from the data stream that is used for an adaptation of a remaining section of the data stream described by a corresponding process unit following the process unit.

25. (new) The method as claimed in claim 24, wherein a duration of storing the persistent sub-area of the process unit which is stored in a memory of a processor and a deletion of the persistent sub-area are signaled.

26. (new) The method as claimed in claim 24,

wherein a duration of storing a section of the data stream described by the persistent sub-area of the process unit is signaled,

wherein the section of the data stream described by the persistent sub-area of the process unit is stored in a memory of a processor.

27. (new) The method as claimed in claim 15, wherein a maximum memory capacity of the process unit or a section of the data stream described by the process unit is signaled.

28. (new) The method as claimed in claim 15, wherein the identification and signaling are stored in a separate data stream or in the data stream description.

29. (new) The method as claimed in claim 15, wherein the method also generates the data stream description.

30. (new) A method for generating a data stream description, comprising:

identifying a process unit as a section of the data stream description,

wherein the process unit contains information from the data stream description that is required for a transformation of the process unit by a processor without accessing a remaining section of the data stream description.

31. (new) The method as claimed in claim 30, wherein the method also processes the data stream description.

32. (new) A device for processing a data stream description, comprising:

a process unit identifying as a section of the data stream description;

a transformer for transforming the process unit; and

an adaptor for adapting the transformed process unit,

wherein the process unit contains information from the data stream description that is required for a transformation of the process unit by a processor without accessing a rest of sections of the data stream description.

33. (new) The device as claimed in claim 32, wherein the device is a part of a device system for transforming a data stream description or adapting a data stream.

34. (new) The device as claimed in claim 32, wherein the device also generates the data stream description.